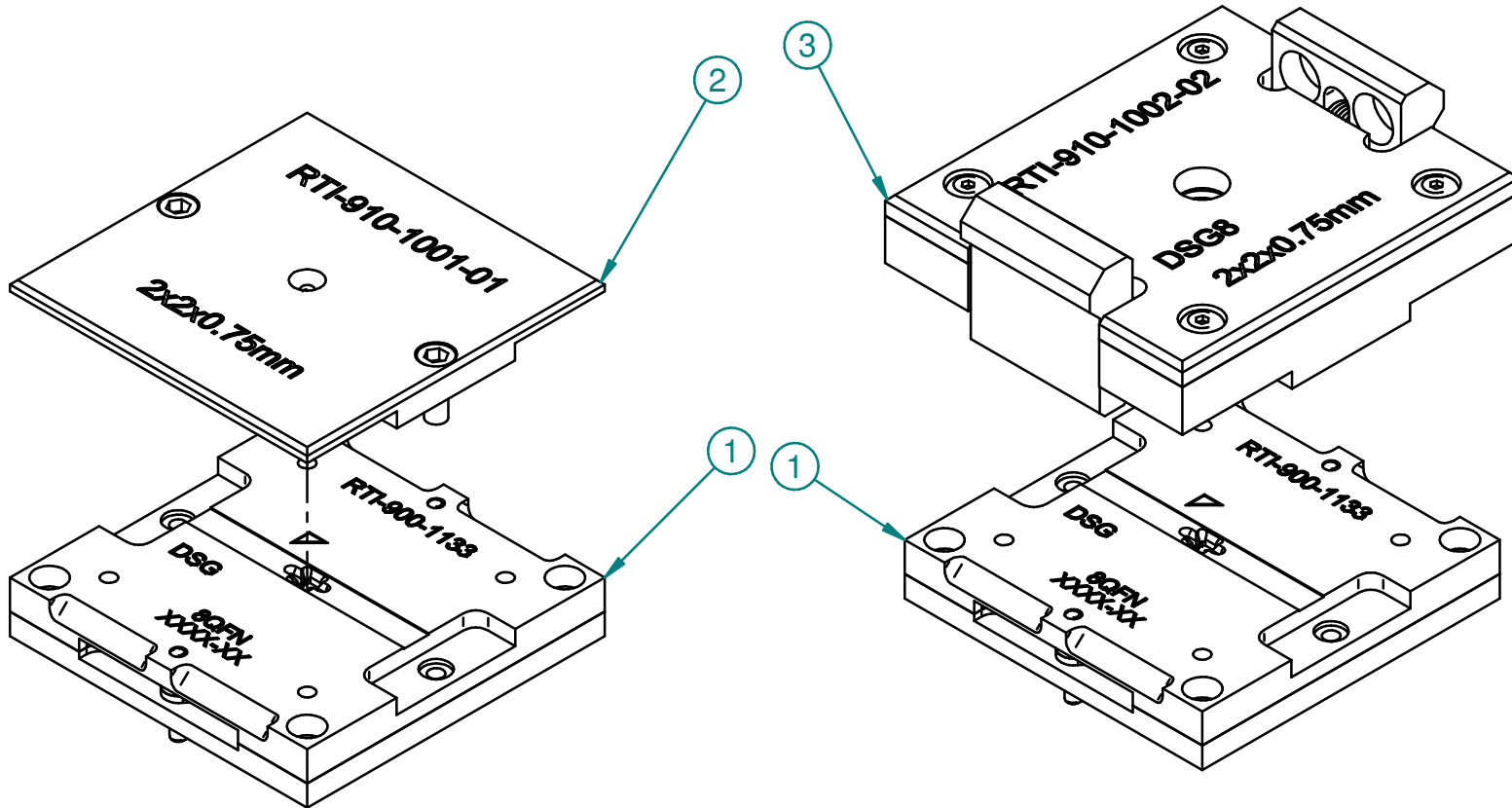


CUSTOMER SPECIFICATION

DSG8

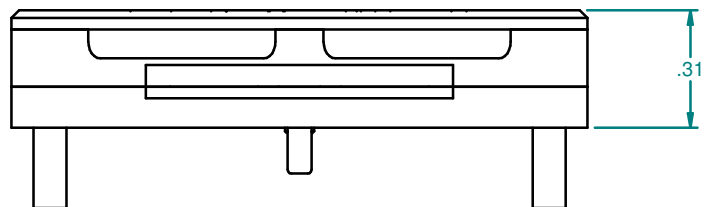
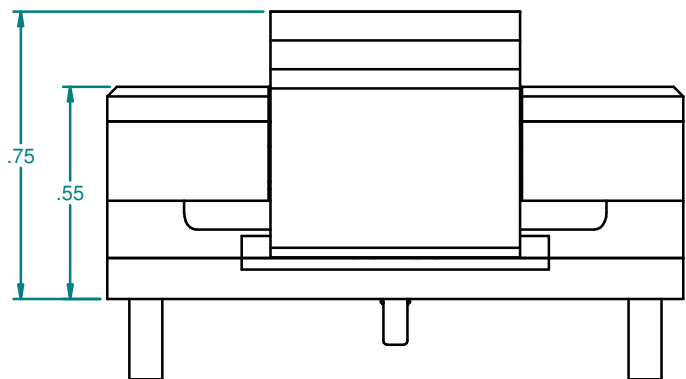
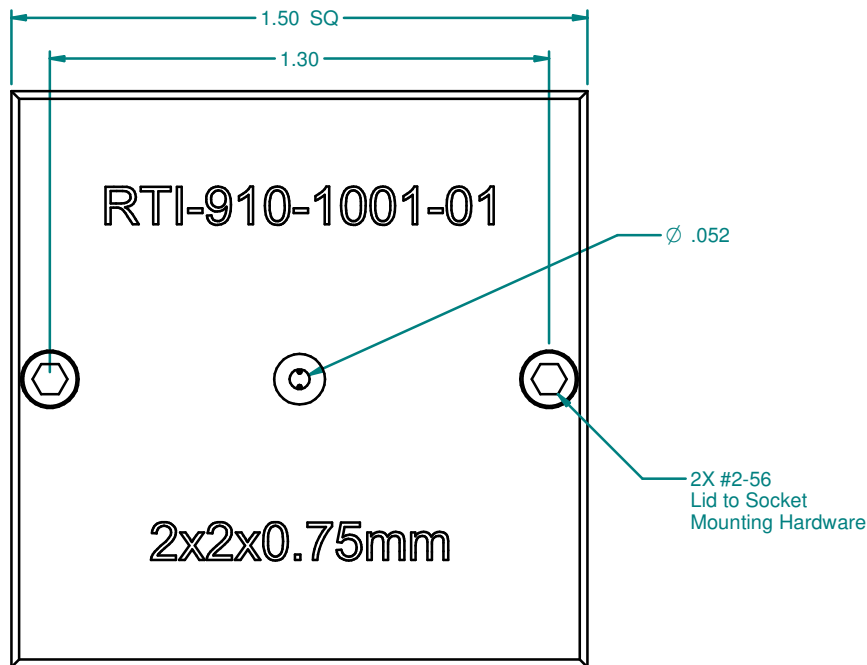
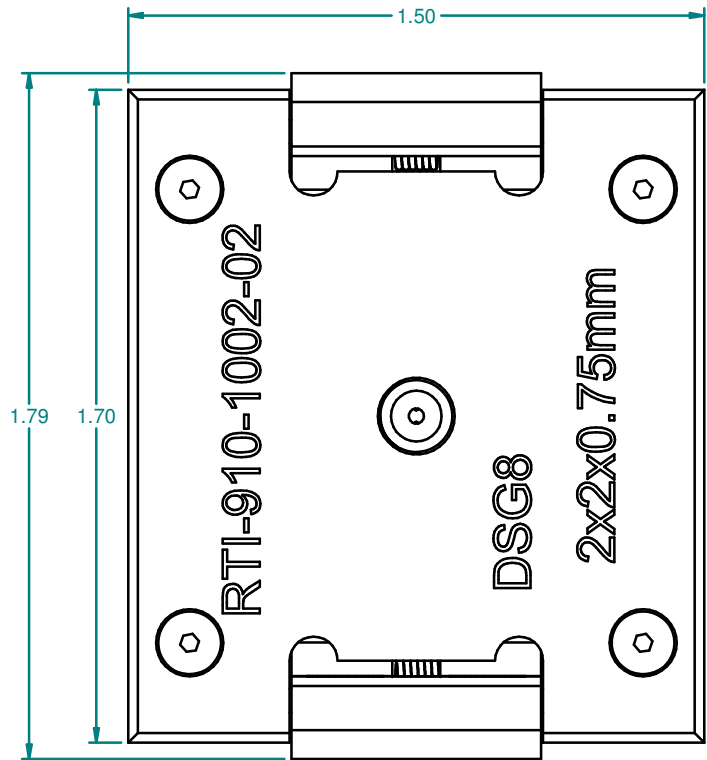
REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	09/26/17	MD
B	Adjust to Match PCB	10/3/17	MD



Item	Part Number	Rev	Title	Qty
1	1007120-M	A	Socket Assembly	1
2	1001639-M	A	FA Lid Assembly	1
3	1007141-M	A	Dual Latch Lid Assembly	1

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	<small>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES:</small> .XX = ± .01 .XXX = ± .002 .XXXX = ± .0005	<small>CHECK BY:</small> _____ <small>DATE:</small> 09/26/17	ROBSON TECHNOLOGIES, INC. 135 E. MAIN AVE., STE. 130, MORGAN HILL, CA 95037 PH: 408-779-8008 FAX: 408-782-7132

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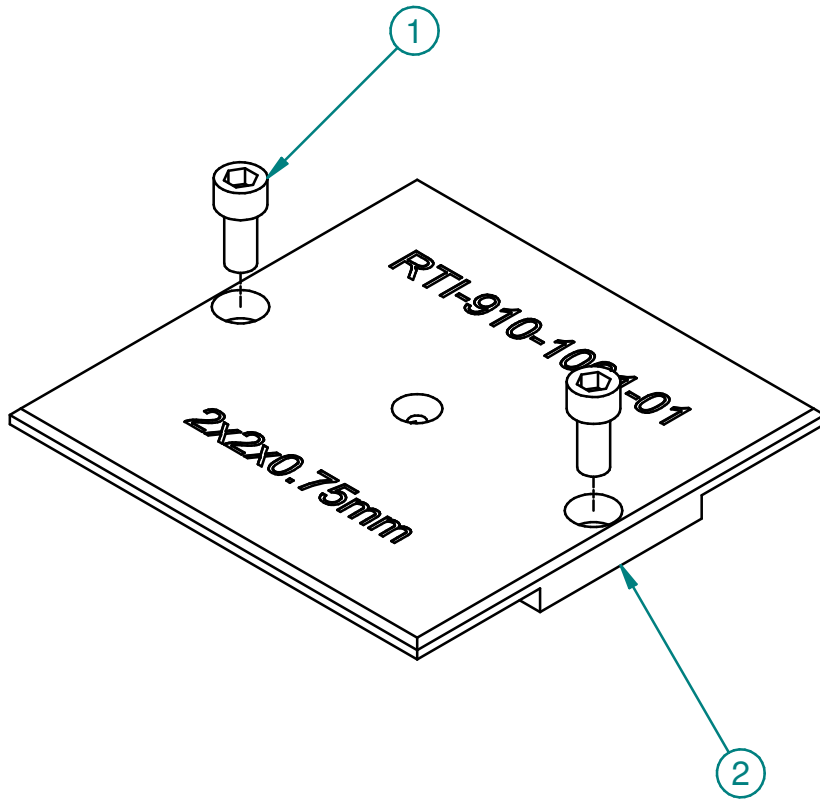


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FA Lid Assembly

Sales Part# 910-1001-01-2x2x0.75

Material Specification:

FA Lid - Anodized Aluminum

Item	Part Number	Rev	Title	Qty
1	01-2-56x.187-MA-SCA-SS		Socket Cap Screw	2
2	L-1001-L-325	2	FA Lid	1

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		<small>CHECK BY:</small> 	<small>DRAWING NUMBER:</small> 1007120-C
		<small>DATE:</small> 09/26/17	<small>REV.:</small> B <small>PAGE:</small> 3 of 8 <small>TITLE:</small> Customer Specification

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Dual Latch Lid Assembly

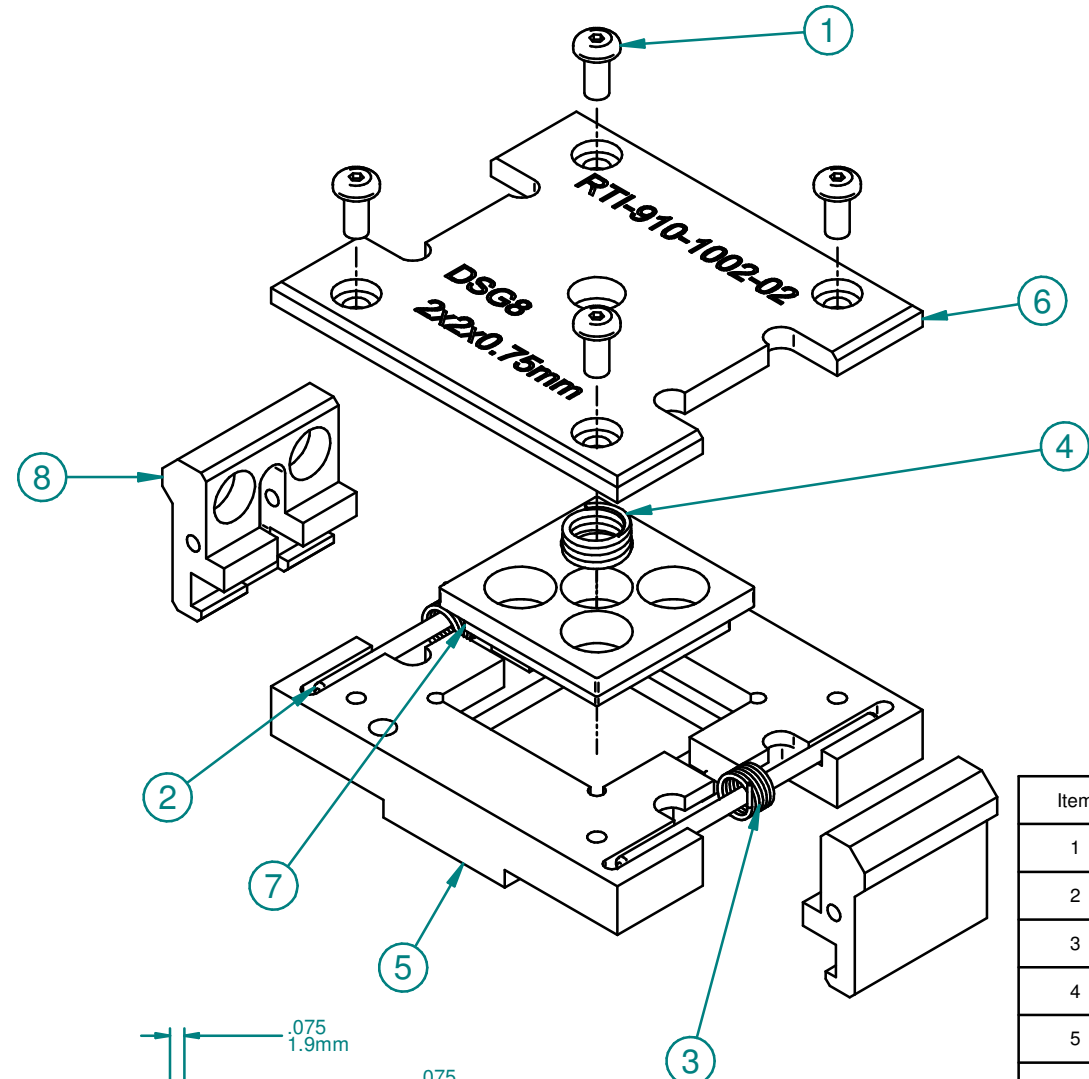
Sales Part# 910-1002-02-2x2x0.75

Material Specification:

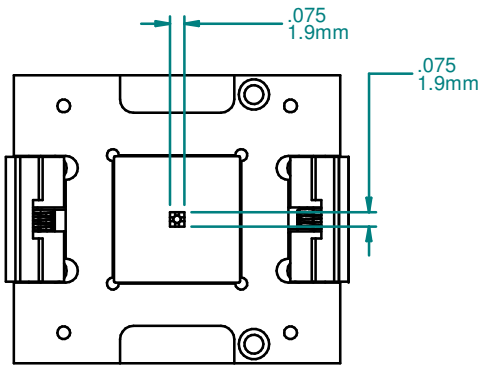
Lid Top - Anodized Aluminum

Lid Base/Pressure Plate/Latches -

High Performance Plastic



Item	Part Number	Rev	Description	Qty
1	01-2-56x.187-MA-BNA-SS		Button Head Screw	4
2	02-.0625x1.25-S-S		Dowel Pin	2
3	03-.172x.125x.017-TR02-M		Torsion Spring Right-Handed	2
4	03-.24x.375x.026-C-S		Spring	1
5	L-1002-LB-015	2	Lid Base	1
6	L-1002-LT-396	A	Lid Top	1
7	L-1002-P-396	A	Pressure Plate	1
8	L-xxxx-T-042	2	Latch	2



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THIRD ANGLE PROJECTION

MATERIAL: _____ FINISH: _____

ENG BY: MD DWN BY: MD

CHECK BY: _____ DATE: 09/26/17

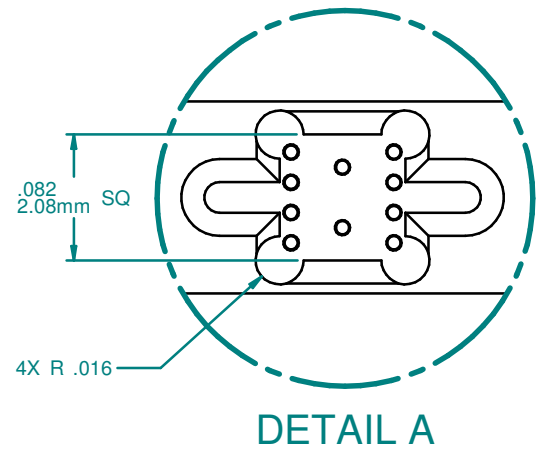
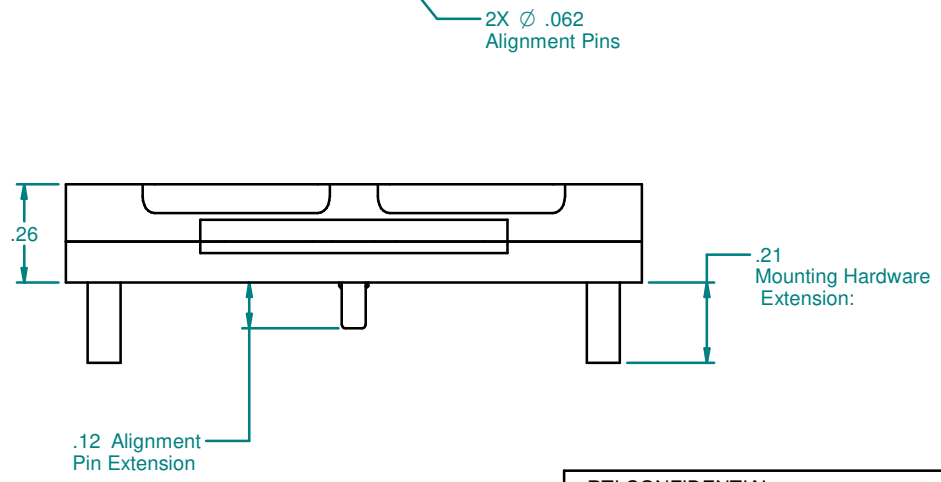
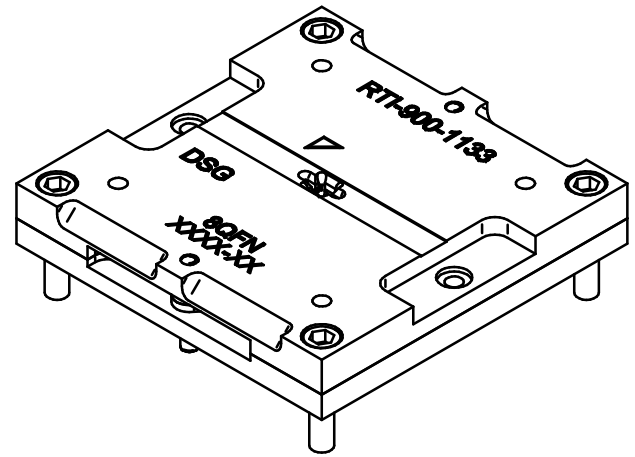
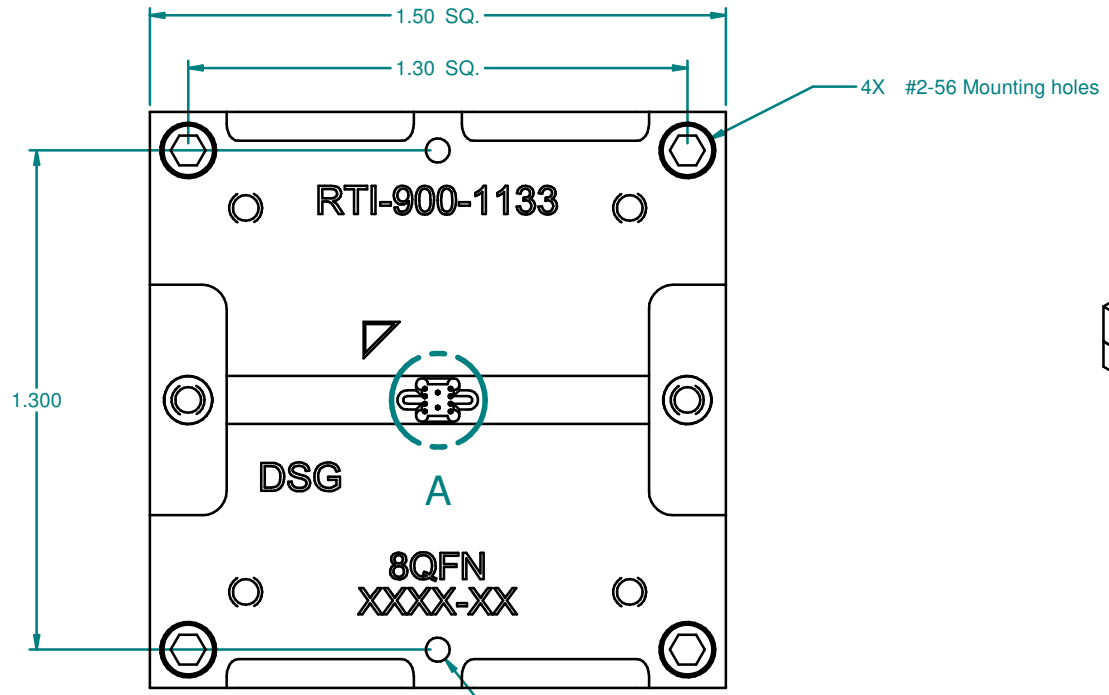
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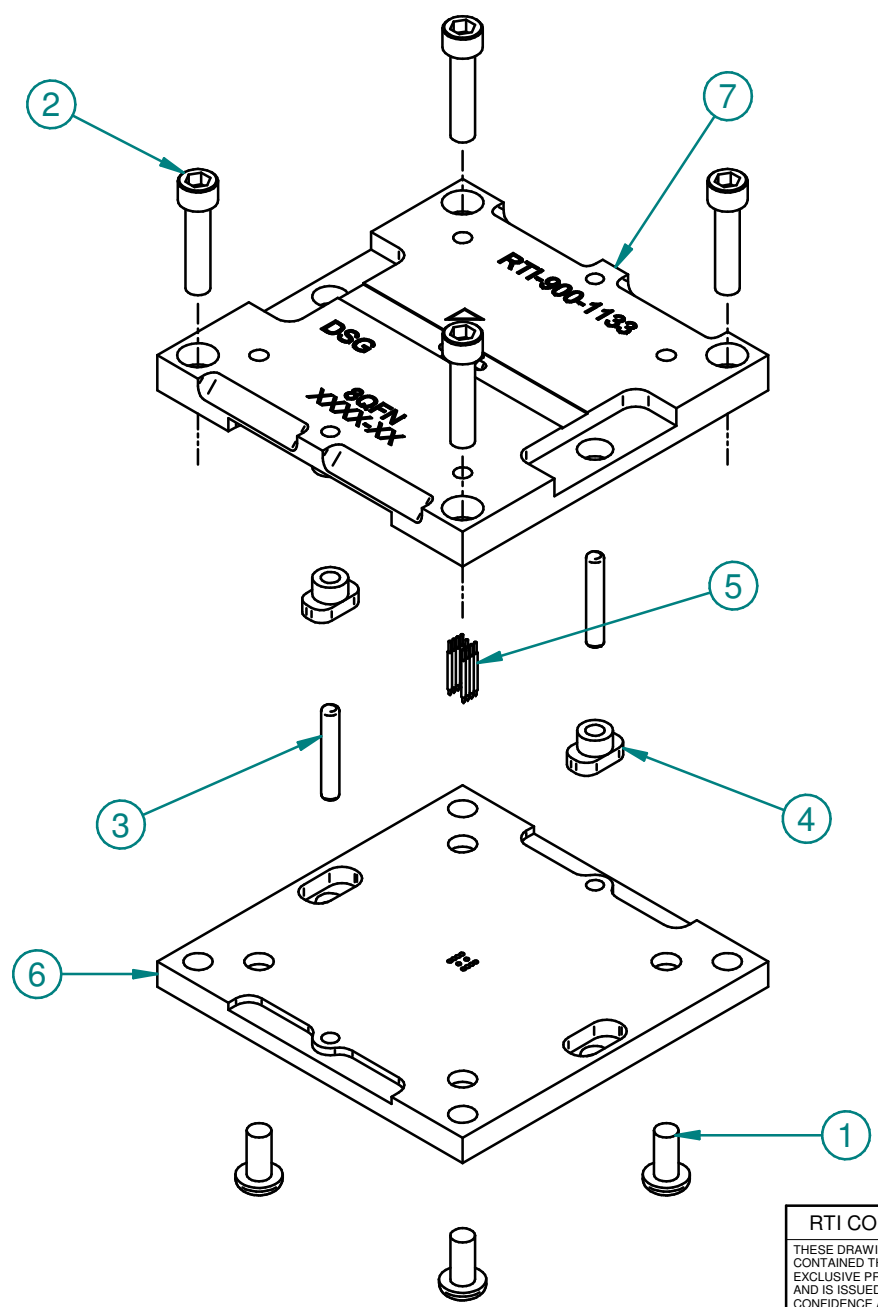
REV	DESCRIPTION	DATE	BY
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Socket Assembly

Sales Part# 900-1133-01-8+2QFN-2x2-0.5-00-L4056C

Material Specification:

Socket Top/Base - High Performance Plastic



Item	Part Number	Rev	Title	Qty.
1	01-2-56x.187-MA-BNA-SS		Button Head Screw	4
2	01-2-56x.375-MA-SCA-SS		Socket Head Screw	4
3	02-.0625x.375-S-S		Dowel Pin	2
4	04-2-56x.125-Custom	1	Custom Insert	
5	L4056C		Test Probe	10
6	S-1133-SB-849	A	Socket Base	1
7	S-1133-ST-849	A	Socket Top	1

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THIRD ANGLE PROJECTION

MATERIAL: _____
FINISH: _____

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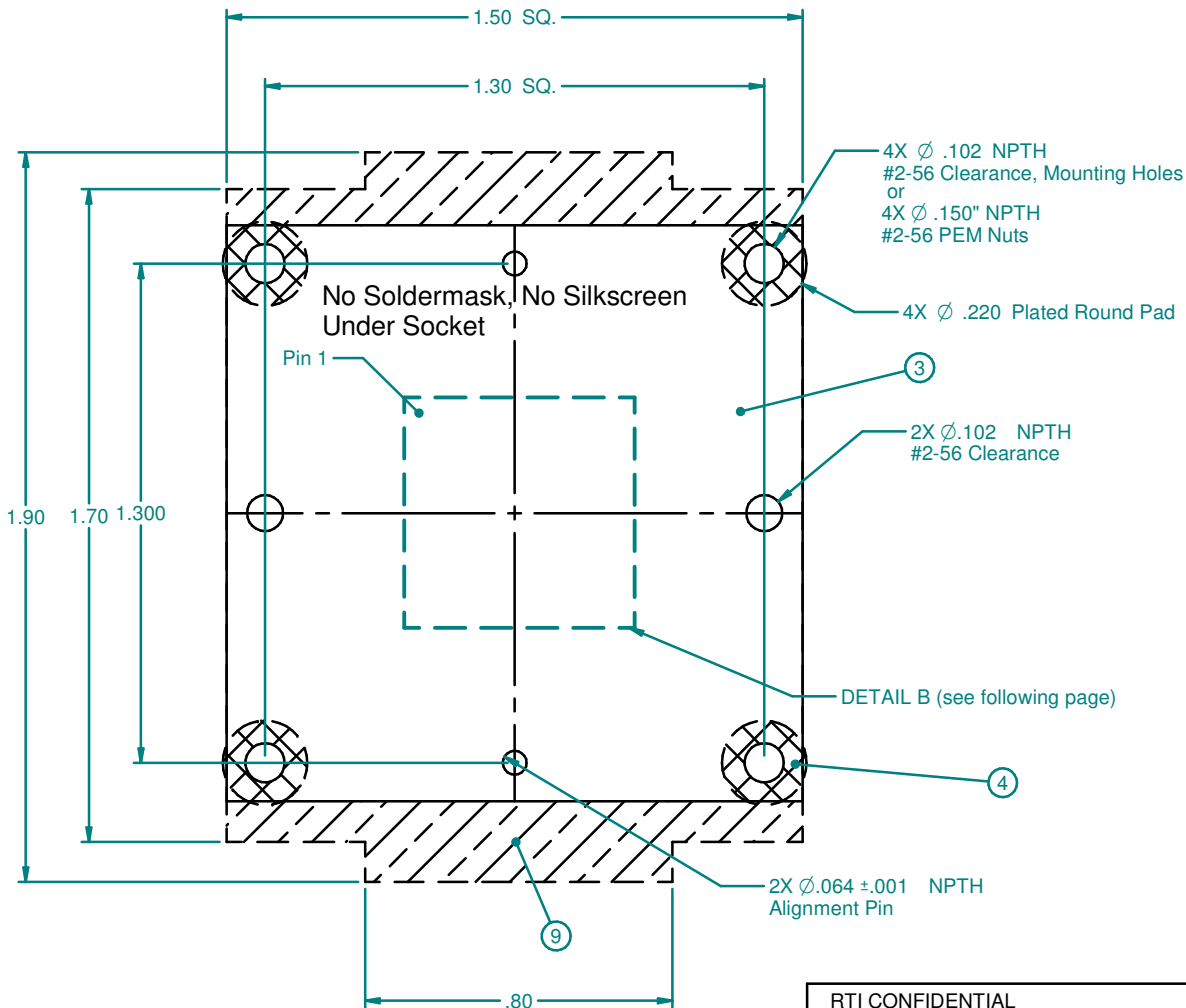
DRAWING NUMBER: 1007120-C
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Socket Footprint

Sales Part# 900-1133-01-8+2QFN-2x2-0.5-00-L4056C

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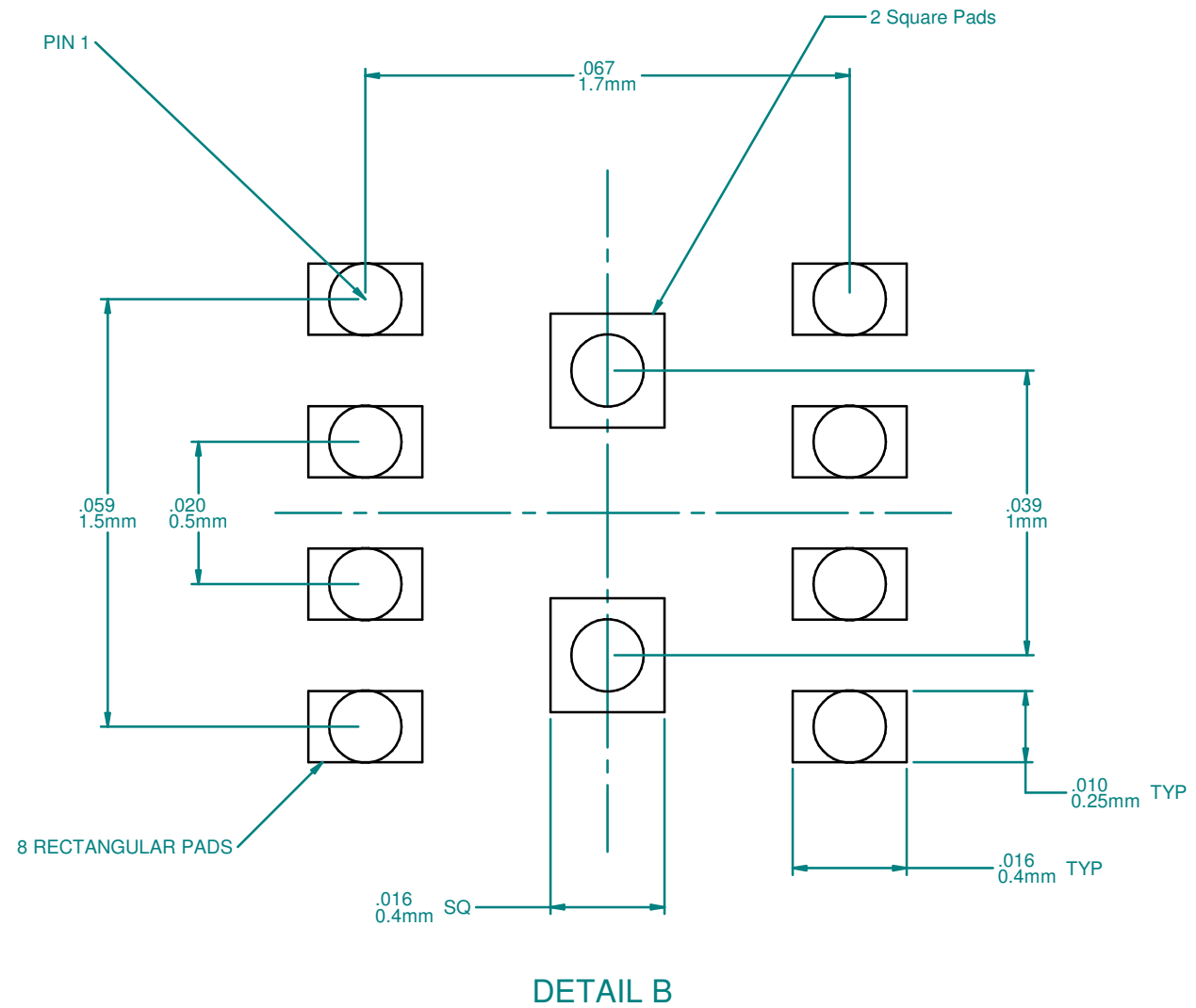


General Layout Specifications for PCBs using RTI Pogo-Pin Sockets:

1. Board must have a minimum of 30 micro-inches of hard gold over 200 micro-inches of Nickel.
2. RTI recommends the use of PEM nuts pressed into the DUT board for mounting the socket to the DUT board. PEM nuts require min. 0.062" thick PCB.
3. Area under socket must be free of all solder mask, hole burrs, etc.
4. There must be plated pads around the mounting holes. This is to keep the socket at the same height as the pogo-pin area of the socket.
5. If the DUT board is less than .095 inches thick, the use of a stiffener on the back side of the DUT board is recommended to prevent the DUT board from being warped.
6. There can be no vias in the pads. RTI recommends an off-set via pattern if required, or the use of plated-over vias.
7. Where stated, MM are controlling dimensions.
8. All hole sizes are finished size.
9. Shaded area must be clear of all devices on top side of PCB when using Dual Latch Lids.

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- Notes:
1. Controlling dimensions are mm
 2. Circle indicates pogo pin centers.
 3. Pad sizes are finished dimensions.
 4. Note Pin 1 location with respect to mounting holes.

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